



Anti-PCSK1N monoclonal antibody (DCABH-758)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to ProSAAS
Antigen Description	May function in the control of the neuroendocrine secretory pathway. Proposed be a specific endogenous inhibitor of PCSK1. ProSAAS and Big PEN-LEN, both containing the C-terminal inhibitory domain, but not the further processed peptides reduce PCSK1 activity in the endoplasmic reticulum and Golgi. It reduces the activity of the 84 kDa form but not the autocatalytically derived 66 kDa form of PCSK1. Subsequent processing of proSAAS may eliminate the inhibition. Slows down convertase-mediated processing of proopiomelanocortin and proenkephalin. May control the intracellular timing of PCSK1 rather than its total level of activity. The function of the processed secreted peptides is not known.
Immunogen	Recombinant fragment corresponding to amino acids 173-261 of Human PCSK1N with proprietary 26 kDa tag (NP_037403).
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB, IHC-P, Sandwich ELISA
Positive Control	PCSK1N transfected 293T cell line lysate; Human cerebellum tissue
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituent: 99% PBS

Preservative	None
Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	PCSK1N proprotein convertase subtilisin/kexin type 1 inhibitor [Homo sapiens]
Official Symbol	PCSK1N
Synonyms	PCSK1N; proprotein convertase subtilisin/kexin type 1 inhibitor; proSAAS; SAAS; pro-SAAS; proprotein convertase 1 inhibitor; granin-like neuroendocrine peptide; PROSAAS;
Entrez Gene ID	27344
Protein Refseq	NP_037403
UniProt ID	Q9UHG2
Chromosome Location	Xp11.23
Function	endopeptidase inhibitor activity; receptor binding; serine-type endopeptidase inhibitor activity;